

Aa Bb Cc Dd Ee Ff Gg Hh Ii Jj Kk Ll Mm

< Complete page 165-166 #3-7

< Key terms are square root*
& perfect square

$$\begin{array}{r} 21 \\ +13 \\ \hline 34 \end{array}$$

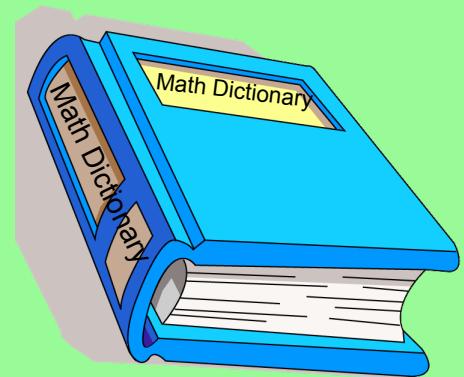
Time for
partner work!

Add to your Math Dictionary . . .

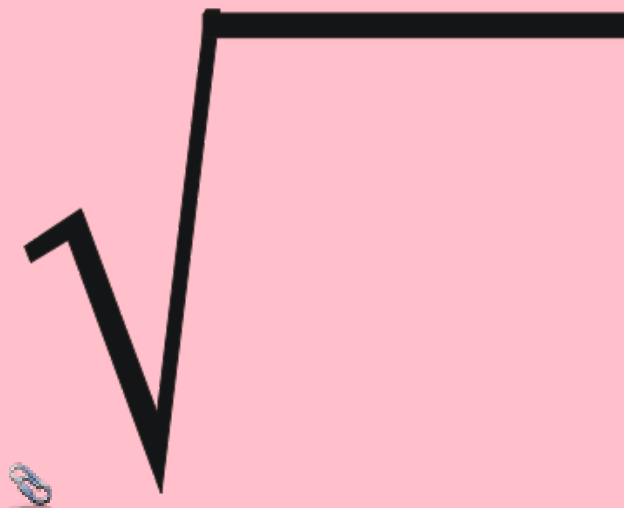
SQUARE ROOT - IF $A = S^2$ THEN S IS A SQUARE
ROOT OF A.
WHAT DOES THIS MEAN?!?!

PERFECT SQUARE - A NUMBER WHOSE PRINCIPAL
SQUARE ROOT IS A WHOLE
NUMBER.

TAPE SQUARE ROOT CHART ON INSIDE FRONT
COVER OF YOUR MATH DICTIONARY.



PLEASE TELL ME MORE!!!



WHAT IS THE PRINCIPAL SQUARE ROOT OF . . .



HOW ABOUT THIS ONE?

What if they look a little different?

$$\sqrt{\frac{16}{25}}$$

$$\frac{4}{5}$$

$$\sqrt{8100}$$

90

$$\sqrt{25,000,000}$$

5000

$$\sqrt{0.64}$$

~~.08~~

1.8

$\sqrt{\frac{64}{100}} = \frac{8}{10}$

**WHAT IF THE NUMBER GIVEN
ISN'T A PERFECT SQUARE?**

**HOW COULD WE USE
THE PERFECT SQUARE CHART?**



EXAMPLES:

$$\sqrt{38}$$

6.2
6.16

$$\sqrt{101}$$

10.3 16.1
16.0

$$\sqrt{2}$$

$$\sqrt{23}$$

4.5 ↓

4.6

4.7

4.8

~~4.9~~ 9

$$\sqrt{10}$$

3.2
3.1

3.3

3.5

WHAT ABOUT THIS??

WHAT WHOLE NUMBERS CAN
YOU SUBSTITUTE TO N TO
MAKE THIS STATEMENT
TRUE:

$$3 < \sqrt{N} < 4$$

13 14 15
10 12 11

БГАНИЕВ TIME!

#8

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